

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Peter Chambers, Joseph James Judkins III
Assignee: Micrel Inc.
Title: Numerical Value Conversion Using a Saturation Limited Arithmetic
logic Unit Supporting Variable Resolution
Serial No.: 10/759,988 Confirmation No.: 8327
Examiner: Chuong D. Ngo Group Art Unit: 2193
Docket No.: MIC-M097 Filing Date: January 15, 2004

San Jose, California
May 9, 2007

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action mailed February 26, 2007, Applicant submits the following amendments and remarks.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 8 of this paper.

A terminal disclaimer in compliance with 37 CFR 1.321(c) accompanies this submission.